

<b>Notice of Allowability</b>	Application No.	Applicant(s)
	10/798,637	SMITH ET AL.
	Examiner	Art Unit
	Krystyna Suchecki	2882

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to Amendment After Final dated 02/28/06.
2.  The allowed claim(s) is/are 1-15 and 22-31.
3.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All
  - b)  Some\*
  - c)  None
  1.  Certified copies of the priority documents have been received.
  2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.
  - (b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

#### Attachment(s)

1.  Notice of References Cited (PTO-892)
2.  Notice of Draftperson's Patent Drawing Review (PTO-948)
3.  Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 01/18/06
4.  Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5.  Notice of Informal Patent Application (PTO-152)
6.  Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7.  Examiner's Amendment/Comment
8.  Examiner's Statement of Reasons for Allowance
9.  Other \_\_\_\_\_.

**DETAILED ACTION**  
**EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Kevin Stinger on 03/16/06.

The application has been amended as follows:

Replace claim 30 as follows:

--30. (Currently Amended) A stator assembly for use in an x-ray tube, comprising:

a stator having a core and a plurality of windings, the stator defining an outer periphery defined by an outer diameter and an annular inner periphery defined by an inner diameter; and

a compressible covering material that covers at least a portion of both the outer periphery and the inner periphery, wherein the compressible covering material that at least partially covers the outer periphery of the stator compressively engages a portion of the x-ray tube that houses the stator.--

Cancel claim 32.

**Allowable Subject Matter**

Claims 2-15 and 22-31 are allowed.

The following is an examiner's statement of reasons for allowance: claims 2-15 and 22-29 contain allowable subject matter for at least the reason that they contain subject matter indicated as allowable in the Office action dated 11/28/05.

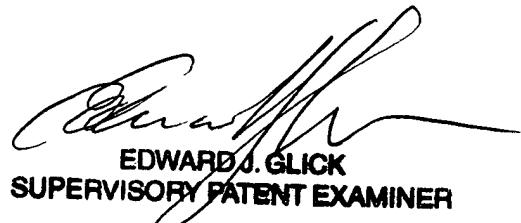
Claim 30 contains allowable subject matter for at least the reason that the prior art of record fails to teach or reasonably suggest a stator assembly for use in an x-ray tube comprising a stator having a core and a plurality of windings, the stator defining an outer periphery defined by an outer diameter and an annular inner periphery defined by an inner diameter; and a compressible covering material that covers at least a portion of both the outer periphery and the inner periphery, wherein the compressible covering material that at least partially covers the outer periphery of the stator compressively engages a portion of the x-ray tube that houses the stator. Pleiss (US 3,821,846) and Reiniger (US 2,939,015) both teach encapsulated stator assemblies, neither of which are compressively engaged with a portion of the x-ray tube that houses the stator. Reiniger implies that a self-compressing material is known in the art, where the material creates stress by contraction, but the stator so encased is not compressively engaged with a housing. Klostermann (US 4,811,375) fails to cure such deficiencies by failing to teach compressive engagement of the stator. Struts support the stator, but do not compress. Kim (US 5,265,147) suggests compression by way of a clamping device, but the stator is not encapsulated. Claim 31 contains allowable subject matter at least by virtue of its dependency.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Krystyna Suchecki whose telephone number is (571) 272-2495. The examiner can normally be reached on M-F, 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Glick can be reached on (571) 272-2490. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
EDWARD J. GLICK  
SUPERVISORY PATENT EXAMINER

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